

**From:** LaDean **Personal Matters / Ex. 6**  
**Sent:** 2/26/2016 2:10:57 AM  
**To:** fenix.grange@doh.hawaii.gov; Herrera, Angeles [Herrera.Angeles@epa.gov]; Switzer, Jim [Jim.Switzer@lendlease.com]  
**Subject:** Re: Hickam Communities Air Sampling Report

If you could please answer my questions regarding the state of Hawaii being able to over rule the safety levels that the USEPA has set I would be grateful. If this is not the case and that the USEPA does have the final say, please let me know as well as weather or not the fact that were were exposed to multiple contaminants at once chronically (we lived in the house for 5 years) was taken into consideration when the determination that what we were exposed to was "safe".

Also, given your opinion/determination on the exposure we suffered what is your opinion on this? Did the OCP's become safer? I have found research showing (EPA and ATSDR as well as other resources) showing that these chemicals are persistent in the environment for 50+ years.....so how could they determine way back in the 70's and 80's that there were NO save levels of even Chlordane (the compound with the lowest possibility of causing a biological effect under conditions of prolonged exposure) and yet, Aldrin and Dieldrin were found that are 5 TIMES more dangerous under these conditions and yet you now say they are "safe" because they do not exceed the Hawaii Dept of Healths levels???? I would like to know if this is roulette? You have said they are safe because you have allowed HIGHER concentrations based on the "short term" (meaning not 30+ years) of military families that were only supposed to live there for 6 years, yet to me that seems contradictory to what the report from the National Academy of Sciences and the office of the Naval Reattach have determined. So.....which is it? Which I would like to know is correct? I have not found ANY information stating anything contradictory of what they concluded BESIDES what the HDOH and Hickam Communities says.

I am sure by now, you have been able to make copies of the report that was brought to you in Dec for your review, I really would like a copy of that please with your/the HDOH's notes. Also, if you could once again (you should not HAVE to but it seems the only way they set things in motion) ask them to get the information on the company that tented our house in 09 not even a year before we moved in so that we may collect the information on what termicide was used at that time as well since it was so close to our move in date, thank you.

Please feel free to cola the link to the report just in case you have not had an opportunity to read this particular one, I have and have also taken the liberty of printing all 81 pages to provide to our medical provides 🙏

It has a lot of new information a link to a document from the National Academy of Science that states that there is NO safe level of OCPs

**1978-79** – “... the Air Force in 1978 asked the National Research Council’s Committee on Toxicology, in the Board on Toxicology and Environmental Health Hazards, Commission on Life Sciences, to review the toxicity data on chlordane and to suggest an airborne concentration that could be used as a guideline in deciding whether the housing should be vacated.” ... “The Committee on Toxicology (NRC, 1979) concluded that it **“could not determine a level of**

***exposure to chlordane below which there would be no biologic effect under conditions of prolonged exposure of families in military housing."***

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***1982 – "Given the available data and the fact that under conditions of prolonged exposure of families in military housing there may be persons, such as [developing fetuses and] young children, who in general are more susceptible to environmental insults, the Committee concluded that it could not determine a level of exposure to any of the termiticides below which there would be no biologic effects."***

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– An Assessment of the Health Risks of Seven Pesticides Used for Termite Control

The National Academy of Sciences and the Office of Naval Research – Aug 1982 – (PDF – 3.82 MB)

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**From:** LaDean Personal Matters / Ex. 6

**Sent:** Thursday, February 4, 2016 11:04 PM

**To:** Grange, Gabrielle Fenix

**Subject:** Re: Hickam Communities Air Sampling Report

I would like a copy of that report that you got in late Dec with your comment on then, as well as the final report that you are going to be commenting on that you have not yet gotten please. They are also supposed to be getting the information on the company used in the tenting of our the house we lived in less then a year before we moved in. They did not have it in the records on the computer before we left and said they are trying to find it. This should be something that they should have to keep track of is it not? We would like to find out what was used during that tenting. I want to thank you for your response and would like it if you could answer me a a question. You say that according to the DOH non of the pesticide concentrations exceeded the DOH regulatory ambient air concentrations does that air regulation cover MULTIPLE pesticides in the air at the same time? Does it include concentration levels of the combined pollutants? Because that is what we were exposed to not just ONE that exceeded the USEPA levels for inhalation but MULTIPLE contaminants that we were breathing in during our occupancy of that home. I am sure you have heard of body burden and how things like this accumulate....was that taken into consideration? So in this case, HDOH trumps the USEPA? I just want to be sure I am in understanding of Hawaii's rules compared to the rest of the US that is following the USEPA regulations. Why did they wait so long to bring the results to you? Sept to Dec is 3 months.....that still seems like a long time for them to not come to you with the reports to get your "opinion" on their findings what was their reasoning? I know you have a lot to work on and this is just a minor thing to the HDOH in the grand scheme of things...but this we believe and we will continue to believe based on our research as well as information from people in the field that this exposure had a devastating effect out our families health and will continue to seek answers to all of our questions and concerns I hope you understand even if I sound frustrated at times.

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**From:** Grange, Gabrielle Fenix <Gabrielle.Grange@doh.hawaii.gov>

**Sent:** Thursday, February 4, 2016 10:38 PM

**To:** Personal Matters / Ex. 6

**Cc:** Sadoyama, Eric J

**Subject:** Hickam Communities Air Sampling Report

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Air sampling was conducted by Lend Lease's environmental consultants in two separate sampling events, one in March 2015 and a second in September 2015. Per your question below, DOH has not conducted any air sampling. We met with Lend Lease in February, prior to the March 2015 sampling, to provide input into the development of the sampling plans for these sampling events.

We received the preliminary results from the September sampling in late December and met with Lend Lease January 20th to review and provide comment on their draft report for the September 2015 sampling event, and encourage them to finalize the report and release it to you by February 1st. I understand that you have now received the final report. Our role has been and continues to be evaluate the data to assess potential human health risks from the pesticides detected.

We will be formally commenting on the final report when we receive it. Based on the data we have reviewed, none of the pesticide concentrations measured in the air samples in either sampling event exceeded DOH regulatory ambient air concentrations for hazardous air pollutants pursuant to HAR §11-60.1-179(c).

Sincerely,

Fenix Grange, Supervisor  
Site Discovery, Assessment and Remediation Section  
Hazard Evaluation and Emergency Response Office  
Hawaii Department of Health  
808-586-5815  
fenix.grange@doh.hawaii.gov

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**From:** LaDean **Personal Matters / Ex. 6**

**Sent:** Wednesday, January 27, 2016 11:32 AM

**To:** Grange, Gabrielle Fenix <Gabrielle.Grange@doh.hawaii.gov>

**Subject:** Re: Hickam Communities

Thank you for that, I did not see any information from you when I also emailed in June 2015, Sept 2015 or Nov 2015 requesting results, even with the EPA asking you a status on the situation in June so I was not sure if you would do anything. I am very surprised it has taken 7 months though...seems a bit of a lengthy time frame to get everything they needed and consult with you on the conclusions drawn. What part did the DOH play in the analysis? Did DOH test the air of the home as well? Do soil samples? Oversee any of the process at all? I am just curious because it would seem that the DOH would want to be involved in such matters when dealing with issues such as these, especially given that the letter drafted to your office (DOH) in April last year insinuated that we were being uncooperative and not providing information to HC that they said they had asked for. They never asked for any data on my products before the sampling, they never told us to remove any and all grooming products before the testing and they knew the schedule of the lawn maintenance workers LONG before scheduling their sampling, and yet said they "learned" there was lawn work being done that day. I am not trying to be snide or rude...but WHO is your department of health protecting? Us the civilians the community members who live there OR the business that is trying to make it seem as if there is NO problem at all on Hickam and that their tenants are being uncooperative and making things up (or so it seems to us)?

In our opinion, the DOH should have been pushing for results and data just as much as we the residents are because you know there have been multiple complaints about HC housing and contamination and yet....you have not seemed to really WANT to be involved at all. Why is that? Because it is on government land? You are the ones that approved their Human Health Risk Assessment by Tetrattech, you are the ones that "slapped them on the wrist" when they did not follow the remediation plan and moved contaminated soils from one location to another "willy nilly" and now....now your office seems to want to just be bystanders and not help the residents of that community? It is very frustrating and saddening to think that the HDOH that was put in place to help protect the people living on the island against stuff like this is failing to do their job. This is all my personal opinion based on my experiences with the HDOH and HC. There are now 6 out of the 7 members of our family that lived there that are now suffering medical issues that we believe is directly related to being exposed to these contaminants. How can you ignore that? 6 out of 7.....and one has yet to be seen by the medical professionals here because they to like the ones in Hawaii are also booked solid. So sad, I HOPE and pray NOTHING like this EVER happens your YOUR family or someone you love...because then YOU will be asking where are the ones in power that are supposed to be protecting them/you. Just heartbreaking.....

LaDean

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**From:** Grange, Gabrielle Fenix <Gabrielle.Grange@doh.hawaii.gov>

**Sent:** Wednesday, January 27, 2016 4:06 PM

**To:** 'LaDean'; herrera.angeles@epa.gov; Sadoyama, Eric J

**Subject:** Hickam Communities

Aloha LaDean,

We spoke with Actus Lendlease last week after receiving your email of 1/20 to encourage them to finalize the report and release it to you as soon as possible. They followed up to let us know that the final report should be forthcoming in the next week, and will be sent to you directly.

Fenix Grange, Supervisor  
Site Discovery, Assessment and Remediation Section  
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Hawaii Department of Health  
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**From:** LaDean

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**Sent:** Tuesday, January 26, 2016 10:51 AM

**To:** herrera.angeles@epa.gov; Grange, Gabrielle Fenix <Gabrielle.Grange@doh.hawaii.gov>; Sadoyama, Eric J <eric.sadoyama@doh.hawaii.gov>

**Subject:** Hickam Communities

We have been waiting for the final results to the air samples done on our home last April from Hickam Communities and still have heard nothing. We would like to know if there is

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anything that you or anyone else can do to...encourage...them to get the final results to us. We emailed in Nov 2015 and were told they were having a difficult time getting the final results due to administrative issues...this is not an acceptable excuse for us. We have been MORE then patient and we have tried to allow them a generous amount of time in this matter but really? Can either of your organizations do anything???????

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